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***** * Welcome to STN International * *****

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NEWS 4 JAN 28 USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
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NEWS 27 JUN 13 USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
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10 / 538, 249

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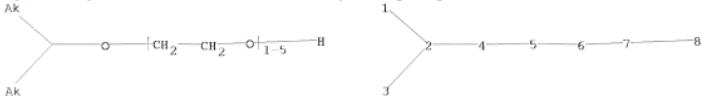
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10/538,249

=> screen 1992 OR 2016 OR 2021 OR 2026 OR 1929 OR 1838

L1 SCREEN CREATED

=>
Uploading C:\Documents and Settings\rkeys\My Documents\STNEXP\SCRIPTS\10538249.str



chain nodes :

1 2 3 4 5 6 7 8

chain bonds :

1-2 2-3 2-4 4-5 5-6 6-7 7-8

exact/norm bonds :

1-2 2-3 2-4

exact bonds :

4-5 5-6 6-7 7-8

Match level :

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L2 STRUCTURE UPLOADED

=> que L2 NOT L1

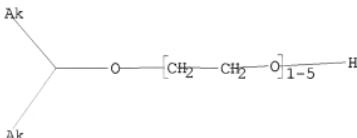
L3 QUE L2 NOT L1

=> d

L3 HAS NO ANSWERS

L1 SCR 1992 OR 2016 OR 2021 OR 2026 OR 1929 OR 1838

L2 STR



Structure attributes must be viewed using STN Express query preparation.

L3 QUE L2 NOT L1

=> s 13

SAMPLE SEARCH INITIATED 07:44:18 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 4062 TO ITERATE

10/538,249

49.2% PROCESSED 2000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
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42 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 77418 TO 85062
PROJECTED ANSWERS: 1152 TO 2260

L4 42 SEA SSS SAM L2 NOT L1

=> s 13 ful
FULL SEARCH INITIATED 07:44:33 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 83310 TO ITERATE

97.3% PROCESSED	81062 ITERATIONS	1379 ANSWERS
99.5% PROCESSED	82925 ITERATIONS	1397 ANSWERS
99.5% PROCESSED	82925 ITERATIONS	1397 ANSWERS
99.5% PROCESSED	82925 ITERATIONS	1397 ANSWERS
99.5% PROCESSED	82925 ITERATIONS	1397 ANSWERS
99.5% PROCESSED	82925 ITERATIONS	1397 ANSWERS
99.6% PROCESSED	82969 ITERATIONS (1 INCOMPLETE)	1399 ANSWERS
99.6% PROCESSED	82969 ITERATIONS (1 INCOMPLETE)	1399 ANSWERS
99.6% PROCESSED	82969 ITERATIONS (1 INCOMPLETE)	1399 ANSWERS
99.6% PROCESSED	82969 ITERATIONS (1 INCOMPLETE)	1399 ANSWERS
99.6% PROCESSED	82969 ITERATIONS (1 INCOMPLETE)	1399 ANSWERS
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99.6% PROCESSED	82975 ITERATIONS (2 INCOMPLETE)	1400 ANSWERS
99.6% PROCESSED	82975 ITERATIONS (2 INCOMPLETE)	1400 ANSWERS
99.6% PROCESSED	82975 ITERATIONS (2 INCOMPLETE)	1400 ANSWERS
99.6% PROCESSED	82975 ITERATIONS (2 INCOMPLETE)	1400 ANSWERS
99.6% PROCESSED	82975 ITERATIONS (2 INCOMPLETE)	1400 ANSWERS
100.0% PROCESSED	83310 ITERATIONS (3 INCOMPLETE)	1406 ANSWERS
SEARCH TIME: 00.05.02		

L5 1406 SEA SSS FUL L2 NOT L1

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=>

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=> file caplus
COST IN U.S. DOLLARS

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FILE COVERS 1907 - 7 Jul 2008 VOL 149 ISS 2
FILE LAST UPDATED: 6 Jul 2008 (20080706/ED)

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=> s 15 and (froth or flotation or foam)

5844 L5

8312 FBOTH

58791 FLOTATION

116277 FOAM

L6 262 L5 AND (FROTH OR FLOTATION OR FOAM)

=> dup rem 16

PROCESSING COMPLETED FOR L6

L7 262 DUP REM L6 (0 DUPLICATES REMOVED)

=> d 1-262 ti

L7 ANSWER 1 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN

TI Composites with good adhesion containing elastic polyurethane moldings and rubber

L7 ANSWER 2 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN

TI Haircare shampooing composition with favorable foaming performance

L7 ANSWER 3 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN

TI Method for preparing polyurethane foam from polyol composition

L7 ANSWER 4 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN

TI Process for making a polyurethane foam

L7 ANSWER 5 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Composition made from a diisocyanate and a monoamine, preparing cell opener and rheology modifier, and manufacture of foam

L7 ANSWER 6 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Preparation of reactive polyisocyanurate binder composite

L7 ANSWER 7 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Skincare products containing urea and hyaluronic acid

L7 ANSWER 8 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Inks with good clarity and dryability for screen printing

L7 ANSWER 9 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Flexible polyurethane foams and a process for producing the same and automotive sheets

L7 ANSWER 10 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Viscoelastic polyurethane foam and process for its manufacture

L7 ANSWER 11 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Storage stable isocyanate-reactive component containing vegetable oil-based polyol for green method of urethane foam and elastomer preparation, producing reactive component, and urethane foam and elastomer

L7 ANSWER 12 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Base-catalyzed alkoxylation in the presence of non-linear polyoxyethylene-containing compounds

L7 ANSWER 13 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Process and catalysts for preparation of short chain polyethers for rigid polyurethane foams

L7 ANSWER 14 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Skid-resistant coating

L7 ANSWER 15 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Method for obtaining ozonized emulsion

L7 ANSWER 16 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Aliphatic polyester compositions with good foamability and thermoformability and their foam sheets and moldings

L7 ANSWER 17 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Polyol mixtures, their use for manufacture of polyurethane foams, and polyurethane foam thermal insulators

L7 ANSWER 18 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Makeup cleansing aerosol foams containing nonionic surfactants which show bicontinuous microemulsion phase

L7 ANSWER 19 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Lightweight flexible polyurethane foams with good foamability, their manufacture, and their backrest cushions for automotive seats

L7 ANSWER 20 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Asphalt-polyurethane rigid foams for insulation and anticorrosion of buildings

L7 ANSWER 21 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN

TI Preparation of ductile Ti, Ti alloy and NiTi foams by gelcasting, calcining and sintering

L7 ANSWER 22 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Polyester polyols containing secondary alcohol groups and their use in making polyurethanes such as flexible polyurethane foams

L7 ANSWER 23 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Water-thinned, jet-printing inks containing surfactants

L7 ANSWER 24 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Foamable alcohol compositions, systems and methods of use

L7 ANSWER 25 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Stable resin composition containing alkoxylate

L7 ANSWER 26 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Non-pressurized post-application expanding composition for hair fibers comprising surfactant and film-forming polymer

L7 ANSWER 27 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Reactive formulations for a neutralization of toxic industrial chemicals

L7 ANSWER 28 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Water-absorbing rigid polyurethane open cell foams and their manufacture

L7 ANSWER 29 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Hair cosmetic compositions containing amino-modified silicone and cationized starch

L7 ANSWER 30 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Detergent compositions with skin moisturization, creamy foams, and high low-temperature storage stability for filling into foamer containers

L7 ANSWER 31 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Cleaning composition in the form aerosol foam without anionic surfactants

L7 ANSWER 32 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Ether carboxylates and glycerin derivatives as foam-enhancing agent for surfactants

L7 ANSWER 33 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Foam-enhancing agent containing polyglycerol for cosmetic uses

L7 ANSWER 34 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Foaming skin care cream for diabetic patients containing urea and hyaluronic acid

L7 ANSWER 35 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Sprayable rigid polyurethane foam material, and external wall thermal insulation system using the same

L7 ANSWER 36 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Multifunctional, Genimi-type coalescing surfactants enable formulation of lower VOC waterborne coatings

L7 ANSWER 37 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Novel gemini-type multifunctional defoaming-surfactant technology for waterborne coatings

L7 ANSWER 38 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Elimination of surface defects in waterborne coatings

L7 ANSWER 39 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Methods and compositions for increasing the efficacy of biologically-active ingredients such as antitumor agents

L7 ANSWER 40 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Vasoactive kit and compositions comprising emollients and polymeric additive

L7 ANSWER 41 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Rigid reticulated articles produced from polymer foam coated with dispersions of ceramic or metal powders by sintering

L7 ANSWER 42 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Cosmetic cleansing composition having improved foam retention property

L7 ANSWER 43 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Resin impregnating agents with good washing performance and their use in impregnation method reducing wastewater

L7 ANSWER 44 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Manufacture of rigid polyurethane foams with good mechanical properties

L7 ANSWER 45 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Mild hair shampoos with very pronounced foamability and free of silicone oils

L7 ANSWER 46 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Preparation of polymeric mixture from waste polystyrene foam and useful for fertilizer adhesive or capsules

L7 ANSWER 47 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Multifunctional, gemini-type coalescing surfactants enable formulation of lower voc waterborne coatings

L7 ANSWER 48 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Vegetable oil-based polyols, polyol manufacture, and polyurethane foams, rubber and coatings

L7 ANSWER 49 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Mild surfactant compositions for face cleansing, especially at the eye area and for baby care

L7 ANSWER 50 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Compounds and compositions, their preparation, and use as foaming or frothing agents in ore and coal flotation

L7 ANSWER 51 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Viscoelastic polyurethane foam with good flame resistance

L7 ANSWER 52 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Process for the manufacture of polyurethane foam, amine polyester polyol used in this process and foam obtained

L7 ANSWER 53 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Emollient face cleansing foam compositions containing surfactants, polyols, and water, and their uses for dry skin users

L7 ANSWER 54 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Aerosol foam compositions containing surfactants and polyhydric alcohols for cleansing of buttocks

L7 ANSWER 55 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI foam-forming compositions containing nonionic surfactants and polyhydric alcohols

L7 ANSWER 56 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Coating solution containing acetylene glycol compound and microencapsulated color-former for pressure-sensitive copying

L7 ANSWER 57 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Dispersant compositions with good dispersibility and antifoamability

L7 ANSWER 58 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Manufacture of moisture-resistant flexible polyurethane foams from storage-stable polyol premixtures and their automotive seat cushions

L7 ANSWER 59 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Foam-enhancing agent for surfactant mixtures

L7 ANSWER 60 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Energy absorbing flexible polyurethane foams produced from double metal cyanide catalyzed polyols

L7 ANSWER 61 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI The use of organic additives to suppress acid mist in copper electrowinning

L7 ANSWER 62 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Interactions of surfactants with a derivatized low molecular weight styrene-maleic anhydride copolymer - Differences between acetylenic diol-based wetting agents and other ethoxylates

L7 ANSWER 63 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Defoaming countermeasure of water-based coating materials and application of Surfynol

L7 ANSWER 64 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Efficient and environmentally favorable compositions employing glycidyl ether-capped acetylenic diol ethoxylate surfactants

L7 ANSWER 65 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Detergent compositions containing taurine derivatives

L7 ANSWER 66 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Foamable cosmetic preparations containing emulsifiers, foam stabilizing agents and active substances

L7 ANSWER 67 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Viscoelastic polyurethanes, and reaction system of polyol blend, polyisocyanate, and catalyst

L7 ANSWER 68 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Ink formulations and uses for printing contact lenses

L7 ANSWER 69 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Shear mixing for preparation of stable fuel emulsions of internal-combustion fuels by multiple in-line blending stations for adding

additives and water

L7 ANSWER 70 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Process for production of saccharose-based polyol polyethers for rigid polyurethane foams

L7 ANSWER 71 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Manufacture of chlorendic acid-alkylene oxide adducts, and their use as fire-resistant polyols for polyurethanes

L7 ANSWER 72 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Double metal cyanide complex-containing slurry catalysts, their manufacture in short time, and manufacture of polyether poly- or monoools as materials for polyurethane foams

L7 ANSWER 73 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Deinking agent composition for flotation deinking process

L7 ANSWER 74 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Environmentally friendly cleaning solvents for molding apparatuses

L7 ANSWER 75 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Polyurethane foam polishing pads with good wettability of aqueous slurries

L7 ANSWER 76 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Nonaerosol hair foam compositions containing organic acids, organic solvents, polysiloxanes, and surfactants

L7 ANSWER 77 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Foamable cleaner sheet for skin massage and preparation

L7 ANSWER 78 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Anticlogging water-based ink-jet inks, ink-jet printing process, and ink containers with urethane foams as absorbers for the inks

L7 ANSWER 79 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Anticlogging water-based ink-jet inks, ink-jet printing process, and ink containers with urethane foams as absorbers of the inks

L7 ANSWER 80 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Foaming cosmetic composition for cleaning or makeup removal

L7 ANSWER 81 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Method for producing porous ceramic and metallic substrates for electronic circuits or solar cells

L7 ANSWER 82 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Producing a polyol and a polymer dispersed polyol for a polyurethane soft foam

L7 ANSWER 83 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Production of polyisocyanate polyaddition products

L7 ANSWER 84 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Cosmetic cleansing foams containing surfactants and anionic polymers

L7 ANSWER 85 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Effect of the type of surfactant on bioactive glasses foam formation

L7 ANSWER 86 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN

TI Advantages of branched secondary alcohol ethoxylates

L7 ANSWER 87 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Airing views on foam

L7 ANSWER 88 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Reaction system and molded foam articles prepared with reduced mold residence time and improved quality

L7 ANSWER 89 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Foaming insect repellent compositions for skin application

L7 ANSWER 90 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Non-liquid alcohol substitute composition for lithographic fountain solutions

L7 ANSWER 91 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Manufacture of soft polyurethane foams with high resilience using reduced amounts of TDI

L7 ANSWER 92 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Shape-memory polyurethane foams having good appearance

L7 ANSWER 93 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Protein foam-based fire extinguisher agent and fire extinguishing solution

L7 ANSWER 94 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Skin cleansers containing oils with specific solubility

L7 ANSWER 95 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Aqueous mold release agent composition for molding polyurethane foam

L7 ANSWER 96 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Polyol compositions for manufacture of dimensionally stable, nonflammable rigid polyurethane foams using water

L7 ANSWER 97 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Soap bars containing talc, saponified fatty acids and nonionic surfactants, free of alkyl(oligo)glycosides

L7 ANSWER 98 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Preparations of a flexible polyurethane foam

L7 ANSWER 99 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Alkoxylation procedure for the manufacture of polyether polyols

L7 ANSWER 100 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Porous materials, synthesis and characterization

L7 ANSWER 101 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Rapid determination of desorption efficiency and analysis of solvent mixtures for occupational exposure studies

L7 ANSWER 102 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI The importance of low dynamic surface tension in waterborne coatings

L7 ANSWER 103 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Manufacture of lightweight noise-suppressing gypsum boards

L7 ANSWER 104 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN

TI Process for preparing flexible polyurethane foams by reaction of polyisocyanates with polyether polyols in molds

L7 ANSWER 105 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Process for producing rigid reticulated articles

L7 ANSWER 106 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Phosphate ester coated hollow glass microspheres, resin compositions comprising such microspheres, and low density syntactic foams prepared from their mixture

L7 ANSWER 107 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Calcium carbonated-filled flexible polyester compositions with good processability and wallpaper made from them

L7 ANSWER 108 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Aqueous dispersion ink-jet inks and printing method therewith

L7 ANSWER 109 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Water-resistant aqueous primer compositions for polyolefin foams

L7 ANSWER 110 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Water-in-oil aerosol compositions and their production method.

L7 ANSWER 111 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Transparent hair cosmetic aerosols containing polyoxyethylene sorbitol fatty acid esters

L7 ANSWER 112 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Evaluation of the in situ polymerization kinetics for the gel-casting of ceramic foams

L7 ANSWER 113 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Use of monoglyceride (ether) sulfates and chitosan in oral and dental hygiene products

L7 ANSWER 114 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Catalysts for ring-opening polymerization of alkylene oxides and manufacture of polyurethane products

L7 ANSWER 115 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Optically clear shampoo compositions containing amino-functional silicone microemulsions

L7 ANSWER 116 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Aphron-containing well drilling and servicing fluids of enhanced stability

L7 ANSWER 117 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Cleaning compositions for fabrics useful for aerosol carpet cleaners

L7 ANSWER 118 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Manufacture of hydrophilic polyisocyanurate foams with continuous cells

L7 ANSWER 119 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Polymer polyol compositions and manufacture of polyurethane foams with high mechanical strength and dimensional stability

L7 ANSWER 120 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Cosmetics containing N-long chain acyl-amino acid esters

L7 ANSWER 121 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Foam-forming hair preparations containing copolymers having specific rheological properties

L7 ANSWER 122 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Foamable aerosol composition containing lower alcohols, lecithins, and nonionic surfactants

L7 ANSWER 123 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Rigid polyurethane foam thermal insulators with good mechanical strength and dimensional stability

L7 ANSWER 124 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Study of the multifunctionality of secondary surfactants in cosmetic formulations

L7 ANSWER 125 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Hydrotrope and skin conditioning agents for use in liquid detergent compositions

L7 ANSWER 126 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Foaming skin cream

L7 ANSWER 127 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Polyoxyalkylene-containing carboxylic acids, surfactants, and detergent compositions with good foaming and low irritation

L7 ANSWER 128 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Stable ink cartridge for ink-jet recording

L7 ANSWER 129 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Means for increasing formability and gloss of hair

L7 ANSWER 130 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Acetylene-based surfactants for legislation-compliant coatings

L7 ANSWER 131 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Polyoxyalkylenepolyols, derivatives thereof, and manufacture thereof

L7 ANSWER 132 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Polyurethane foams, process for their manufacture and foam-forming compositions

L7 ANSWER 133 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Dispensable compositions for cleaning soiled fabrics, dispensing devices, and cleaning therewith

L7 ANSWER 134 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Manufacture of polyurethane foams for cushions of automobile seats

L7 ANSWER 135 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Oxa acid-based lubricants and surface conditioners suitable for conversion coated aluminum cans

L7 ANSWER 136 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Post-foamable foam compositions for cleaning or personal care products

L7 ANSWER 137 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Ethoxylated soya glycerides with glycols as deinking collector modifiers

L7 ANSWER 138 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Deinking wastepaper using reaction products of epoxidized C10-22 carboxylic acids with alkoxylated polyols

L7 ANSWER 139 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Poly(dimethylsiloxane) block copolymers with oligomeric polyoxyalkylenes as foam regulators in ethoxylated glycerol-based catalyst-containing polyol component mixture for elastic polyurethane foam moldings

L7 ANSWER 140 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Defoamers containing polyoxyalkylene esters

L7 ANSWER 141 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Hair or skin cosmetic foams containing dextrin fatty acid esters

L7 ANSWER 142 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Defoamers with lasting foaming suppression as well as good initial foam breaking power

L7 ANSWER 143 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Polyol compositions and manufacture of polyurethane foams

L7 ANSWER 144 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Phase-stable polyol components for aerosol-sprayable fireproof polyurethane-forming compositions

L7 ANSWER 145 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Pressurized transparent apparatus with a foaming composition containing nonionic and amphoteric surfactants for cleaning and removing make-up

L7 ANSWER 146 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Rigid or semi-rigid polyurethane foams and composites and their production

L7 ANSWER 147 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Production of polyurethane foams

L7 ANSWER 148 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Production of polyurethane foams

L7 ANSWER 149 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Additives based on acetylene diols for elimination of defects in water-thinned paints and inks

L7 ANSWER 150 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Method for altering flow profile of a subterranean formation during acid stimulation

L7 ANSWER 151 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Skin cleansing foams containing nonionic surfactants and anionic surfactants

L7 ANSWER 152 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Foam-generating concentrate for fire extinguishers

L7 ANSWER 153 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Method for producing fluid powder coating compositions

L7 ANSWER 154 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI The role of acetylenic glycols in formulating water-based inks

L7 ANSWER 155 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Waterborne industrial maintenance primers - performance improvements via an additives approach

L7 ANSWER 156 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Process for preparing flexible foams

L7 ANSWER 157 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Polyol compositions for the preparation of high resilience polyurethane foams

L7 ANSWER 158 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Latex-like flexible polyurethane foam and process for making same

L7 ANSWER 159 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Compositions forming stable foams for long-term suppression of hydrocarbon vapors

L7 ANSWER 160 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Cleansing cosmetics containing polyoxyethylene glyceryl fatty acid esters and alkyl glucosides

L7 ANSWER 161 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Manufacture of vinyl chloride polymers with high bulk density and high qualities

L7 ANSWER 162 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Foam-type hair preparations containing vinylpyrrolidone copolymers

L7 ANSWER 163 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Hair cosmetics containing polyalkylene glycol monoalkyl ethers and naturally-occurring film-forming polymers

L7 ANSWER 164 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Foam controlling agents for preparing hard polyurethane foams

L7 ANSWER 165 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Process for forming polyurethane foam using mechanical cooling and an additive

L7 ANSWER 166 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Alkyl ether frothing agent for ore flotation

L7 ANSWER 167 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Marlox - weakly foaming nonionic surfactants

L7 ANSWER 168 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI General purpose cleaners with good foaming and rinsing properties

L7 ANSWER 169 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Polyurethane foams having improved retention of insulative properties and methods for their preparation

L7 ANSWER 170 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Low-foaming latexes for use in printing inks

L7 ANSWER 171 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Manufacture of polyurethane foams with water absorption property

L7 ANSWER 172 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN

TI Lubricants for conveyors

L7 ANSWER 173 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Ink tank cartridges for ink-jet printers

L7 ANSWER 174 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Polyurethane foams with shape memory.

L7 ANSWER 175 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Laundry detergent compositions containing alkoxylated glycerol and soap

L7 ANSWER 176 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Nonflammable filled rigid foams based on phenol-furan resins, and their use

L7 ANSWER 177 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Using surfactants to formulate VOC compliant waterbase inks

L7 ANSWER 178 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Deinking of wastepaper and chemicals therefor

L7 ANSWER 179 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Combined personal cleansing and moisturizing foam compositions

L7 ANSWER 180 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Nonionic surfactants having low foaming property

L7 ANSWER 181 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Poly(vinyl alcohol) compositions for melt extrusion

L7 ANSWER 182 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Deinking agents for recycling wastepaper

L7 ANSWER 183 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI High-stability foams for long-term suppression of hydrocarbon vapors

L7 ANSWER 184 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Bath preparations containing polyoxyethylene derivatives

L7 ANSWER 185 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Exothermic cosmetic aerosols

L7 ANSWER 186 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI The compatibility of water with polyols

L7 ANSWER 187 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Some results of various new chemical reagents for modifying coal flotation performance

L7 ANSWER 188 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Rectal aerosol foams containing inflammation inhibitors for the treatment of ulcerative colitis

L7 ANSWER 189 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Polyol-polyethers with high content of ethylene oxide and low viscosity

L7 ANSWER 190 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Rigid polyurethane foams

L7 ANSWER 191 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN

TI Rigid polyurethane foams

L7 ANSWER 192 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Manufacture of fire-resistant polyurethane foams

L7 ANSWER 193 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Hair-set compositions containing carrageenan and nonionic surfactants

L7 ANSWER 194 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Aerosol compositions for topical medicament

L7 ANSWER 195 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Method of producing energy-absorbing polyurethane foams

L7 ANSWER 196 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Preparation of foamless polyurethanes without using dehydrating agents or foam-breakers

L7 ANSWER 197 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Phenolic resin compositions for foams with uniform and independent cell structures

L7 ANSWER 198 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Manufacture of hard polyurethanes and polyisocyanurate foams using nonsilicone foam stabilizers

L7 ANSWER 199 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Ethylene oxide adducts as wet set additives for high-resilience polyurethane foams

L7 ANSWER 200 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Hair preparations containing polyphenols and nitrogen-containing compounds or nonionic surfactants

L7 ANSWER 201 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Hair dyes containing water-soluble dyes, carbon black, and nonionic surfactants

L7 ANSWER 202 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Deinking agents for repulping of waste papers

L7 ANSWER 203 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Preparation of hydrophilic open-cell polyolefin foams

L7 ANSWER 204 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Hydrophilic, rigid phenoic resin foams

L7 ANSWER 205 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Urea domain structure in polyurethane foams

L7 ANSWER 206 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Manufacture of fire-retardant polyisocyanurate foams

L7 ANSWER 207 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Phenolic resin foam compositions with uniform cell structure

L7 ANSWER 208 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Detergent compositions for dishwashers

L7 ANSWER 209 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN

TI Inks for ink-jet printing and ink-jet printing therewith

L7 ANSWER 210 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Cream emulsions containing nonionic surfactants and oils for the formation of cosmetic aerosol foams

L7 ANSWER 211 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Surfactants for carbon dioxide foam flooding. Effects of surfactant chemical structure on one-atmosphere foaming properties

L7 ANSWER 212 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Manufacture of rigid polyurethane foams

L7 ANSWER 213 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Polyurethane spray foams

L7 ANSWER 214 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Flotation of coal and graphite

L7 ANSWER 215 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Deinking agents

L7 ANSWER 216 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Liquid stable polymer/polyol composition and its use for producing polyurethanes

L7 ANSWER 217 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Recording liquid and its use in ink-jet record and printing processes

L7 ANSWER 218 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Wettable, blood-absorbing hemostatic materials

L7 ANSWER 219 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Oil-in-water emulsion used in coal slurry flotation

L7 ANSWER 220 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Phenolic resin foam manufacture

L7 ANSWER 221 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Urethane-modified polyisocyanurate foams

L7 ANSWER 222 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Polyisocyanurate foams

L7 ANSWER 223 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Polyols

L7 ANSWER 224 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Polyether-polyol mixtures containing s-triazine residues, and their use

L7 ANSWER 225 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Foam dyeing of fabrics containing wool or mohair

L7 ANSWER 226 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Foaming capacity of oligomeric glycerol-ethylene oxide copolymer

L7 ANSWER 227 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Basic amino or ammonium antimicrobial agent-polyethylene glycol ester surfactant-betaine and/or amine oxide surfactant compositions

L7 ANSWER 228 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Isocyanate-modified polymethylenepolyphenylene polyisocyanate compositions

L7 ANSWER 229 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Hardening medium

L7 ANSWER 230 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Fabric softeners

L7 ANSWER 231 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Polyurethane foam products

L7 ANSWER 232 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Foamed ink composition

L7 ANSWER 233 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Flexible polyurethane foams from polymethylene polyphenyl isocyanate containing prepolymers

L7 ANSWER 234 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Enhancing the compressive strength of hydraulic cement compositions and additive compositions for this purpose

L7 ANSWER 235 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Foam sizing. Part I: A preliminary study

L7 ANSWER 236 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Production of polyisocyanurate foam

L7 ANSWER 237 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Polyisocyanurate foam

L7 ANSWER 238 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Use of alkyl polyglycol tert-butyl ether as bleaching assistant

L7 ANSWER 239 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Light-resistant polyurethane foams

L7 ANSWER 240 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Polyurethane foams

L7 ANSWER 241 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Polyisocyanurate foam and laminate

L7 ANSWER 242 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Isocyanurate foam - the role of the polyol

L7 ANSWER 243 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Fuel system flow process

L7 ANSWER 244 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Isocyanurate foam. The role of the polyol

L7 ANSWER 245 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Hydraulic cement mixture

L7 ANSWER 246 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Isocyanurate foam. The role of the polyol

L7 ANSWER 247 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Latex frothing agent used in making an elastomeric latex foam

L7 ANSWER 248 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Carbodiimide-isocyanurate foams containing urethane linkages

L7 ANSWER 249 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Cellular polyurethanes

L7 ANSWER 250 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Studies on the miscibility of the constituents of the A components of polyurethane and polyisocyanurate hard foam systems. I. Miscibility of halocarbons with polyethers and low-molecular-weight polyols

L7 ANSWER 251 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Aqueous foam compositions to suppress coal dust

L7 ANSWER 252 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Open-celled, rigid polyurethane foams

L7 ANSWER 253 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Carbodiimide-isocyanurate foams containing urethane linkages

L7 ANSWER 254 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Polyurethane foam with a polymeric liquid foam stabilizer

L7 ANSWER 255 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Cell stabilizers for plastic foams

L7 ANSWER 256 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Polyurethane foam with integral skin

L7 ANSWER 257 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Siloxane-poly(oxyalkylene) block copolymers as polyurethane foam stabilizers

L7 ANSWER 258 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Polymer-augmented aqueous foams for suppression of respirable coal dust

L7 ANSWER 259 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Bloat in cattle. XVI. Development and application of techniques for selecting drugs to prevent feedlot bloat

L7 ANSWER 260 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Expanded polymers

L7 ANSWER 261 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Reactions and utilization of long-chain alkylene oxides. II. Reactions of higher alkylene oxides with hydroxy compounds and utilization of the products

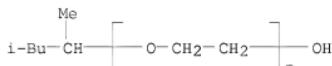
L7 ANSWER 262 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
TI Polyether-polyurethan foams

=> d 50,73,86,131,166,187,189,214,219,223,251 bib ab fhitstr

L7 ANSWER 50 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2004:513650 CAPLUS
DN 141:73350

TI Compounds and compositions, their preparation, and use as foaming or frothing agents in ore and coal flotation
 IN Leeming, Philip Joseph; Knight, Stewart John; Lazzaro, Salvatore; Aston, Jeffrey Roy; Parris, David Hayshiv
 PA Huntsman Corporation Australia Pty. Ltd., Australia
 SO PCT Int. Appl., 32 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004052815	A1	20040624	WO 2003-AU1646	20031209
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2509155	A1	20040624	CA 2003-2509155	20031209
	AU 2003302899	A1	20040630	AU 2003-302899	20031209
	EP 1578710	A1	20050928	EP 2003-812533	20031209
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	NZ 540642	A	20071026	NZ 2003-540642	20031209
	US 20060239876	A1	20061026	US 2006-538249	20060413
PRAI	AU 2002-953252	A	20021209		
	WO 2003-AU1646	W	20031209		
OS	MARPAT 141:73350				
AB	Compds. R1R2CHO(CH ₂ CH ₂ O) _m H where R1 and R2 = C1-4 alkyl, and m = 1, 2, 3, 4, or 5 and R1R2CHO(CH ₂ CH ₂ O) _n H, where R1 and R2 = C1-4 alkyl, and n ≥ 0 are prepared, such as the preparation of ethoxylated MIBC in the presence of BF ₃ .OEt ₂ or KOH.				
IT	339295-23-7P				
	RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)				
	(ethoxylated MIBC alc. for use as foaming or frothing agents in ore and coal flotation)				
RN	339295-23-7 CAPLUS				
CN	Poly(oxy-1,2-ethanediyl), α-(1,3-dimethylbutyl)-ω-hydroxy- (9CI) (CA INDEX NAME)				



L7 ANSWER 73 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2003:412038 CAPLUS

DN 139:8348

TI Deinking agent composition for flotation deinking process

IN Kamio, Katsuhisa; Yokomizo, Osamu; Moriya, Masafumi

PA Miyoshi Oil and Fat Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF

DT Patent
LA Japanese

FAN, CNT 1

PATENT NO.

— 1 —

PT JTP 2003155

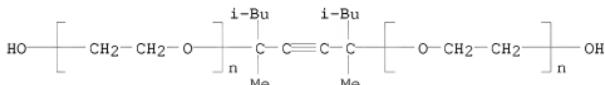
PRAI JP 2001-353063 B2 20060920
JP 3824214 B2 20060920
PRAI JP 2001-353063 20011119
AB The composition, showing reduced bubbling in floating deinking process, contains a deinking component and 1-10% of an acetylene alc. and/or polyoxyalkylene acetylene alc. adduct. Thus, wastepaper containing newspaper sheets was disintegrated in water containing the deinking composition comprising polyoxyethylene polyoxypropylene lauryl ether and 7% 3,6-dimethyl-3,6-octyndiol to show 4.8% bubbles. Regenerated paper from the disintegrated wastepaper showed whiteness 52.6% and residual C 0.81%.

IT 9014-85-1

RL: MOA (Modifier or additive use); USES (Uses)
(deinking agent containing acetylene alc. (polyoxyalkylene adduct) for
floating process in recycling of wastepaper)

BN 9014-85-1 CAPLUS

CN Poly(oxy-1,2-ethanediyl), α,α' -[1,4-dimethyl-1,4-bis(2-methylpropyl)-2-butyne-1,4-diyl]bis(ω -hydroxy- (CA INDEX NAME)



L7 ANSWER 86 OF 262 CAPLUS COPYRIGHT 2008 ACS ON STN

AN 2003:734264 CAPLUS

DN 139:383063

BN 199.565000
TI Advantages

All advantages of branched secondary, alcohol solvent, faces
All Joseph, Albert E.

AS Joseph, Hibert F.
CS Technical Center.

CS Technical Center, The Dow Chemical Company, South Charleston, WV, USA
SO World Conference on Detergents: Reinventing the Industry—Opportunities and Challenges, 5th, Montreux, Switzerland, Oct. 13–17, 2002 (2003), Meeting Date 2002, 216–219. Editor(s): Cahn, Arno. Publisher: AOCS Press, Champaign, Ill.

CODEN: 69EMN4; ISBN: 1-893997-40-5

DT Conference; General Review

LA English

AB A review. Nonionic surfactants are important components in many applications, including household cleaning, industrial and institutional cleaning, paints and coatings, pulp and paper, metalworking fluids, and others. Alc. ethoxylates make up the largest portion of the nonionic surfactants used in these applications. Among this group, a wide variety of hydrophobe offerings are available. The hydrophobe structure of an alc. ethoxylate significantly affects its properties and performance. Fundamental studies have been conducted to examine the structure/property and structure/performance relationships of selected alc. ethoxylates. A consistent conclusion in these studies is that secondary alc. ethoxylates offer important property and performance advantages over linear primary alc. ethoxylates, and alkylphenol ethoxylates, including lower pour

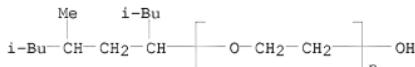
points, lower aqueous viscosities, a narrower gel range, unstable foam, and greater efficiency in cleaning oily soils. The focus of this work (review) is on branched secondary alc. ethoxylates, which provide outstanding surface tension lowering and excellent wetting as well as excellent handling. The results of various tests are presented comparing the properties and performances of ethoxylates of several hydrophobes with advantages highlighted for 2,6,8-trimethyl-4-nonanol ethoxylates.

IT 60828-78-6

RL: PRP (Properties)

(advantages of branched secondary alc. ethoxylates)

RN 60828-78-6 CAPLUS

CN Poly(oxy-1,2-ethanediyl), α -[3,5-dimethyl-1-(2-methylpropyl)hexyl]- ω -hydroxy- (CA INDEX NAME)

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 131 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1998:795066 CAPLUS

DN 130:52838

TI Polyoxyalkylenepolyols, derivatives thereof, and manufacture thereof
IN Yamasaki, Satoshi; Hara, Yasunori; Tamura, Satoshi; Yamazaki, Fumio;
Watanabe, Hitoshi; Matsufuji, Mikio; Matsumoto, Shinsuke; Nishikawa,
Ariko; Izukawa, Tsukuru; Aoki, Masaaki; Nobori, Tadahito; Takaki, Usaji
PA Mitsui Chemicals, Inc., Japan; et al.

SO PCT Int. Appl., 151 PP.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9854241	A1	19981203	WO 1998-JP2340	19980528
	W: CN, ID, KR, SG, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,				
	PT, SE				
	JP 11106500	A	19990420	JP 1998-146443	19980528
	JP 3905638	B2	20070418		
	EP 916686	A1	19990519	EP 1998-921847	19980528
	R: BE, DE, FR, NL				
	CN 1113922	B	20030709	CN 1998-800719	19980528
	US 6207794	B1	20010327	US 1998-202559	19981217
	KR 2000029762	A	20000525	KR 1999-700875	19990128
PRAI	JP 1997-138794	A	19970528		
	JP 1997-186379	A	19970711		
	JP 1997-213092	A	19970807		
	WO 1998-JP2340	W	19980528		

OS MARPAT 130:52838

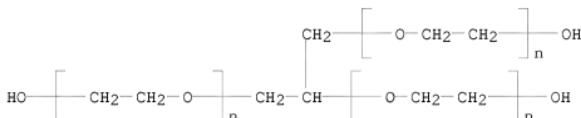
AB Polyoxyalkylenepolyols are obtained by using a phosphazinium compound as the catalyst and have a OH value 2-200, total unsatn. 0.0001-0.07 mequiv/g, head-to-tail bond selectivity toward polyoxypropylene polyols \geq 95 mol%, and W20/W80 1.5-3 (wherein the maximum height of the peak in the GPC elution curve is 100%, W20 = peak width at 20% height and W80 = peak width

at 80% height). Ethylene oxide was polymerized using tetrakis[tris(dimethylamino)phosphoranylideneamino]phosphonium chloride. Polyoxalkylenepolyols containing polymers were also prepared and used for making polyurethane foams.

IT 31694-55-0P, Polyethylene glycol glycerin ether
 RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)
 (polyoxalkylenepolyols, derivs. thereof, and manufacture thereof)

RN 31694-55-0 CAPLUS

CN Poly(oxy-1,2-ethanediyl), α,α',α'' -1,2,3-propanetriyltris(ω -hydroxy- (CA INDEX NAME)



RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 166 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1995:890304 CAPLUS

DN 123:292562

OREF 123:52317a,52320a

TI Alkyl ether frothing agent for ore flotation

IN Harris, John W.; Rotteveel, Henk

PA Shell Canada Ltd., Germany

SO Can., 7 pp.

CODEN: CAXXA4

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI CA 1336520	C	19950801	CA 1983-444166	19831222
PRAI CA 1983-444166		19831222		

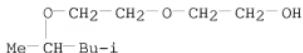
AB Froth flotation of ores in the presence of a collector is improved when the frothing agent is $\text{H}(\text{OC}_3\text{H}_6)_n\text{OCHMeCH}_2\text{CHMe}_2$ (I; n = 1-3). The flotation process is suitable for Cu ores. The frothing agent is typically derived from 2-hydroxy-4-methylpentane (II) and mono- or dipropylene glycol (or especially propylene oxide), and optionally contains unreacted II. Flotation of powdered chalcopyrite ore containing 0.34% Cu using I (n = 1.5) is suitable for the Cu recovery of 84.8% and concentrate grade of 1.04%, vs. 77.4% and 2.15% using II as the frother.

IT 55934-92-4

RL: MOA (Modifier or additive use); USES (Uses)
 (frother; alkyl glycol ether frothing agent for ore flotation
)

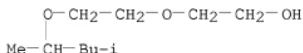
RN 55934-92-4 CAPLUS

CN Propanol, [(1,3-dimethylbutoxy)methylethoxy]- (9CI) (CA INDEX NAME)



2 (D1-Me)

L7 ANSWER 187 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1992:636955 CAPLUS
 DN 117:236955
 OREF 117:40941a,40944a
 TI Some results of various new chemical reagents for modifying coal flotation performance
 AU Klimepel, R. R.
 CS Dow Chem. Co., Midland, MI, 48674, USA
 SO Coal Preparation (London, United Kingdom) (1992), 10(1-4), 159-75
 CODEN: COAPDY; ISSN: 0734-9343
 DT Journal
 LA English
 AB A series of mech. flotation cell results run with various chemical reagent schemes designed to economically improve the flotation performance associated with selected industrially available coals were described. The emphasis is on the identification of practical flotation methods of processing coals containing unusually coarse and/or fine feed sizes, of increasing the recovery of oxidized and/or difficult to float coal, and of increasing the selectivity of coal over pyrite in high-S coals. Glycols gave higher coarse and total coal recoveries than alcs.; for polypropylene glycol methyl ether, coarse particle recovery increased with increasing d.p., with mol. weight 400 having the highest recovery.
 IT 55934-92-4
 RL: USES (Uses)
 (frothing agent, for coal flotation)
 RN 55934-92-4 CAPLUS
 CN Propanol, [(1,3-dimethylbutoxy)methylethoxy]- (9CI) (CA INDEX NAME)



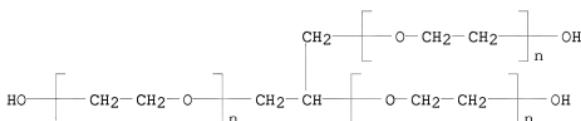
2 (D1-Me)

L7 ANSWER 189 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1991:451079 CAPLUS
 DN 115:51079
 OREF 115:8881a,8884a
 TI Polyol-polyethers with high content of ethylene oxide and low viscosity
 IN Acosta, Roberto M.
 PA Polioles S. A. de C. V., Mex.
 SO U.S., 4 pp.
 CODEN: USXXAM
 DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 4996310	A	19910226	US 1989-321786	19890310
PRAI US 1989-321786		19890310		
AB The title polyols (mol. weight 400-900, viscosity at 25° 500-3500 cP) are prepared by forming a suspension of sucrose in a triol, reacting with propylene oxide in the presence of a catalyst, suspending sucrose in the reaction mixture, reacting with ethylene oxide, and removing volatiles. The polyols are useful in preparation of rigid polyurethane foams. Thus, 500 g sucrose and 23.4 g tributylamine were added to 737 g triethanolamine, heated to 110°, polymerized with 1080 g propylene oxide, cooled to 60°, mixed with 1524 g sucrose and 737 g triethanolamine, heated to 120°, and polymerized with ethylene oxide to give a polyol with Gardner color 40, pH 10, H ₂ O content 0.055%, OH number 525, and viscosity 2500 mP.				
IT 31694-55-0P RL: PREP (Preparation) (preparation of, mixts. with sucrose polyethers, low-viscosity)				
RN 31694-55-0 CAPLUS				
CN Poly(oxy-1,2-ethanediyl), $\alpha,\alpha',\alpha''-1,2,3-$ -propanetriyltris[ω -hydroxy- (CA INDEX NAME)				



PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI SU 1238801	A1	19860623	SU 1984-3782620	19840626
PRAI SU 1984-3782620		19840626		
AB The flotation involves preliminary conditioning with a modifier and a frothing agent. To increase flotation selectivity, ethylene glycol tert-Bu ether and ethylene glycol di-tert-Bu ether frothing agents are used.				
IT 7580-85-0 RL: USES (Uses) (frothing agent, for conditioning pretreatment of coal and graphite prior to flotation)				

RN 7580-85-0 CAPLUS
 CN Ethanol, 2-(1,1-dimethylethoxy)- (CA INDEX NAME)

t-BuO—CH₂—CH₂—OH

L7 ANSWER 219 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1986:611622 CAPLUS
 DN 105:211622
 OREF 105:34105a,34108a
 TI Oil-in-water emulsion used in coal slurry flotation
 IN Gu, Liangying; Zhao, Yumei
 PA China, Ministry of Light Industry, Institute of Daily Use Chemical
 Industry Science, Peop. Rep. China
 SO Faming Zhuanni Shengqing Gongkai Shuomingshu, 12 pp.
 CODEN: CNXXEV
 DT Patent
 LA Chinese
 FAN.CNT 1

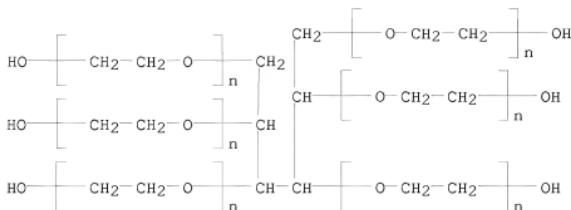
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI CN 85106071	A	19860110	CN 1985-106071	19850814
PRAI CN 1985-106071		19850814		

AB An oil-in-water emulsion, used as a collector in coal slurry flotation, contains a foaming agent (e.g., 2-octanol), a C5-30 hydrocarbon oil, a hydrophilic surfactant, and water. The weight ratios of oil-surfactant and water-oil in the emulsion are 1:1-20 (preferably 1:4-9) and 0-20:1, resp. The surfactant can be anionic (e.g., C5-9 fatty acid salts) or nonionic (e.g., aliphatic alc. polyethylene oxide ethers). Thus, an aqueous coal slurry was deashed by flotation with 0.003 g 2-octanol and 0.048 g oil-in-water emulsion (prepared by heating 20 g fatty acid and 80 g kerosine to 80°, adding 8 g 30% NaOH and 150 g hot water, and stirring for 10 min), resulting in recovery of 93.42% coal (ash content 9.36%).

IT 72642-93-4
 RL: USES (Uses)
 (surfactants, emulsion collectors containing, for coal flotation)
 RN 72642-93-4 CAPLUS
 CN Poly(oxy-1,2-ethanediyl), α -hydro- ω -hydroxy-, ether with
 D-glucitol (6:1), mono-(9Z)-9-octadecenoate (CA INDEX NAME)

CM 1

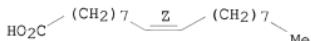
CRN 53694-15-8
 CMF (C₂H₄O)_n (C₂H₄O)_n (C₂H₄O)_n (C₂H₄O)_n (C₂H₄O)_n C₆
 H₁₄ O₆
 CCI PMS



CM 2

CRN 112-80-1
CMF C18 H34 O2

Double bond geometry as shown.



L7 ANSWER 223 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1985:488332 CAPLUS
 DN 103:88332
 OREF 103:14205a,14208a

TI Polyols
 PA Daiichi Kogyo Seiyaku Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 60071634	A	19850423	JP 1983-179962	19830927
PRAI	JP 1983-179962		19830927		

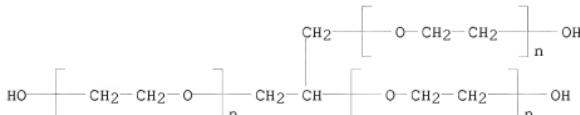
AB Highly reactive polyols with many OH groups, of which ≥60% are primary, are prepared by addition reaction of polyglycerol (I) of average d.p. ≥5 with ethylene oxide (II) and optionally other alkylene oxides. Thus, autoclaving 50 parts I (average d.p. 80) and 50 parts II in the presence of KOH at 100°, mixing with granular activated C and synthetic Al silicate, and filtering gave a polyol [31694-55-0] of average mol. weight 11,800, with 80% primary OH groups, which when mixed with MDI CR-100 and CFC13 formed a polyurethane [58285-22-6] foam having d. 38.4 kg/m³, and water absorption 82 vol%.

IT 58285-22-6
 RL: USES (Uses)
 (cellular, rigid, water-absorbent, polyols for)

RN 58285-22-6 CAPLUS
 CN Isocyanic acid, polymethylenepolyphenylene ester, polymer with a,a',a''-1,2,3-propanetriyltris[ω -hydroxypoly(oxy-1,2-ethanediyl)] (CA INDEX NAME)

CM 1

CRN 31694-55-0
 CMF (C₂ H₄ O)_n (C₂ H₄ O)_n (C₂ H₄ O)_n C₃ H₈ O₃
 CCI PMS



CM 2

CRN 9016-87-9
 CMF Unspecified
 CCI PMS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

L7 ANSWER 251 OF 262 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1977:46910 CAPLUS
 DN 86:46910
 OREF 86:7445a,7448a
 TI Aqueous foam compositions to suppress coal dust
 IN Salyer, Ival O.; Schwendeman, James L.; Sun, Shih-Ming
 PA Monsanto Research Corp., USA
 SO U.S., 5 pp.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 3954662	A	19760504	US 1974-430342	19740102
PRAI US 1972-226207	A1	19720214		
AB	Aqueous foamable compns. containing maleic anhydride-vinyl acetate copolymer [9011-07-8] and Tergitol TMN [37337-79-4] were used to suppress coal dust.			
IT 60828-78-6	RL: OCCU (Occurrence) (foaming compns. containing, for coal dust control)			
RN 60828-78-6 CAPLUS				
CN Poly(oxy-1,2-ethanediyl), α -[3,5-dimethyl-1-(2-methylpropyl)hexyl]- ω -hydroxy- (CA INDEX NAME)				



10/538,249

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FULL ESTIMATED COST	171.19	353.90
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-8.80

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